

ABSTRACT

An elevator unit (26) including three support members (48c) capable of vertically moving and rotating are arranged above a transportation position where an object (45) is transferred by a transfer arm (70). When the object (45) is transferred to the transportation position, the support members (48c) move downward to a position P3 and rotate in a predetermined angle α° . The support members slightly move upward to receive the object (45) from the arm (70). When the arm withdraws, the support members (48c) move downward to a stage (RST) to place the object (45) on the stage. The support members (48c) then rotate, in the predetermined angle α° , in a direction opposite to the direction in which they rotated before, and then move upward to a position P2. This makes it possible to mount the object on a mount surface smoothly, without any problem, even if the mounted surface is located lower in level than the upper surface of the stage.